

Malaysia

DC MOTOR SPEED CONTROLLER - DC590+ SERIES

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The advanced DC590+ series 4-quadrant variable speed DC drives offer current ratings of up to 2700A, function block programming, configurable I/O and extensive application software, meeting the demands of the most complex DC motor control applications

WHERE TO BUY

PRODUCT OVERVIEW	-
TECH SPECIFICATIONS	+

[Print Tech Specifications](#)

PERFORMANCE CHARACTERISTICS

BRAND

Parker

PRODUCT TYPE

DC Drive

DRIVE FORMAT

Single Axis Technology

SERIES

DC590

INPUT SUPPLY VOLTAGE

3*230VAC

3*380-480VAC

3*500-690VAC

CONTINUOUS OUTPUT CURRENT RATING

15 - 1950A

CERTIFICATES

CE (EMC & LVD)

Overvoltage Category III

Pollution Degree II

UL Listed

cUL Listed

OUTPUT RATING (HP)

1 - 1200HP

SUPPORTED MOTOR TYPES

DC Brushed Servo

SUPPORTED FEEDBACK DEVICE

Armature Voltage

Tachometer

Encoder

MODES OF CONTROL

Regenerative

Non-Regenerative

Stack Controller

COMMUNICATION INTERFACE

RS232 / RS485

CANopen

ControlNet

DeviceNet

Profibus

Ethernet TCP/IP

Link Communications

Modbus

OPERATING TEMPERATURE (C)

- 0 - 45C (15-165A) / derate up to 55C max
- 0 - 35C (180-270A) / derate up to 55C max
- 0 - 40C (380-1950A) / derate up to 55C max

OPERATING TEMPERATURE (F)

- 32 - 113F (15-165A) / derate up to 131F max
- 32 - 95F (180-270A) / derate up to 131F max
- 32 - 104F (380-1950A) / derate up to 131F max

OPERATING ALTITUDE

Up to 500m ASL (derate > 500m)

OVERLOAD RATINGS

- 150% for 30s
- 200% for 10s
- (depending on drive output current, refer to manual for details)

Print Tech Specifications

PRODUCT SUPPORT +



CONTACT US

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